

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

SATO, J. et al.

Atty. Ref.: 1035-474

Serial No. 10/679,696

Group: 2652

Filed: October 7, 2003

Examiner:

For: MAGNETIC RECORDING MEDIUM AND MAGNETIC
RECORDING DEVICE USING THE SAME

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

- ☒ 1. **PTO-1449 Pursuant to 37 CFR 1.97(b)**
[within 3 months of filing or prior to 1st Office Action] *N/C*
- ☐ 2. **Statement Pursuant to 37 CFR 1.97(c)**
[before Final Office Action or Allowance] *N/C*
- ☐ 3. **Fee Payment Pursuant to 37 CFR 1.97(c)**
[before Final Office Action or Allowance] *\$180.00*
- ☐ 4. **Pursuant to 37 CFR 1.97(d)**
[before Issue Fee payment] *\$180.00*

The following are submitted in the above-identified application in compliance with 37
C.F.R. §§ 1.97 and 1.98:


- ☒ 5. A list of documents on Form PTO-1449 together with copies of each
identified document and a translation or a concise explanation of each non-
English language document is enclosed herewith.
 - ☒ a) The partial translations were provided to the undersigned by the applicants'
foreign representative. The undersigned has no knowledge regarding the
pertinency of the partially translated portions vis-à-vis the document as a whole.
The partial translations are merely provided for whatever convenience they may
be.

This paper is submitted in accordance with:

- ☒ 6. 37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]
- ☐ 7. 37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is earlier]; and
- ☐ a) The required Statement made in item 9 below; or
- ☐ b) The \$180.00 fee specified in 37 CFR §1.17(p) for submission of this Information Disclosure Statement is authorized in item 10 below.
- ☐ 8. 37 CFR §1.97(d): [before issue fee payment]; and
- ☐ a) The fee (\$180.00) required by 37 CFR §1.17(p) is submitted herewith; and
- ☐ b) The required Statement is stated in item 9 below.
- ☐ 9. Statement under 37 CFR 1.97(e)
- ☐ a) The undersigned attorney of record hereby certifies under 37 C.F.R. §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement (each item contained in this IDS was the first citation of that item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to the filing of this IDS); or
- ☐ b) No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement, after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
- ☒ 10. Please charge all deficiency fees associated with the submission of this Information Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) copy of this document are enclosed.

Respectfully submitted,
NIXON & VANDERHYE P.C.

January 12, 2004

By: 
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INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.

SERIAL NO.

1035-474

10/679,696

APPLICANT

SATO, J. et al.

FILING DATE

~~GROUP~~

October 7, 2003

2652

U.S. PATENT DOCUMENTS

OIPER
 EXAMINER
 INITIALS
 JAN 12 2004
 PATENT & TRADEMARK OFFICE

[illegible]

FOREIGN PATENT DOCUMENTS

							TRANSLATION	
DOCUMENT			DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
		61-240429 A	10-1986	JP			partial	
		5-282648 A	10-1993	JP			partial	
		2002-83417 A	3-2002	JP			partial	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

	Ozaki et al, "TbFeCo as a Perpendicular Magnetic Recording Material", Journal of the Magnetics Society of Japan, vol. 25, No. 3-2, 2001, pp. 322-327
	Katayama et al, "Effect of Underlayers of Laser-Assisted Magnetic Recording Media on High-Density Recording", American Institute of Physics, Applied Physics Letters, vol. 81, no. 26, 23 December 2002, pp. 4994-4996

*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)